

Substitute form for form 1449A & 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	3	Attorney Docket No.	11099-US/PCT
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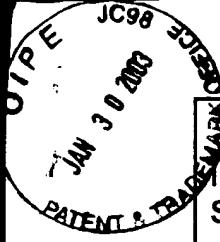
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		20020070339		Clemmer	06-13-2002	
		20020070338		Loboda	06-13-2002	
		6,323,482		Clemmer et al.	11-27-2001	
		20010032930		Gillig et al.	10-25-2001	
		20010032929		Führer et al.	10-25-2001	
		20010030285		Miller et al.	10-18-2001	
		6,162,709		Raoux et al.	12-19-2000	
		6,041,734		Raoux et al.	03-28-2000	

FOREIGN PATENT DOCUMENTS								
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		WO 01/22049	A2		Haley et al.	03-29-2001		
		WO 00/63949	A1		MDS Inc.	10-26-2000		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in capital letters), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
		Buryakov, I. A., Krylov, E. V., Nazarov, E. G., and Rasulev, U. K., A new method of separation of multi-atomic ions by mobility at atmospheric pressure using a high-frequency amplitude-symmetric strong electric field, Int. J. Mass Spectrom. Ion Processes, 128, 143 (1993)				
		Krylov, E. V., A method of reducing diffusion losses in a drift spectrometer, Tech. Phys., 44, 113 (1999)				
		Carnahan, B., Day, S., Kouznetsov, V., Matyjaszczyk, M., and Tarassov, A., Field Ion Spectrometry - A New Analytical Technology for Trace Gas Analysis Proceedings of the 41st Annual ISA Analysis Division Symposium, , Framingham, MA, pp. 85 (1996)				

Examiner Signature		Date Considered	
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1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.



Substitute form for form 1449A & 1449B/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application No.	09/762,238
(use as many sheets as necessary)		Filing Date	August 05, 1999
Sheet 2 of 3		First Named Inventor	Guevremont, Roger
		Group Art Unit	2878
		Examiner Name	Unknown
		Attorney Docket No.	11099-US/PCT

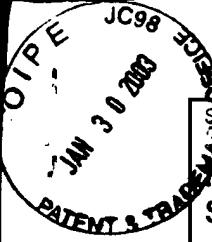
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		5,905,258		Clemmer et al.	05-18-1999	
		5,869,831		De La Mora et al.	02-09-1999	
		5,801,379		Kouznetsov	09-01-1998	
		5,789,745		Martin et al.	08-04-1998	
		5,736,739		Uber et al.	05-07-1998	
		5,723,861		Carnahan et al.	03-03-1998	
		5,420,424		Carnahan et al.	05-30-1995	
		4,855,595		Blanchard	08-08-1989	
		3,668,383		Carroll	06-06-1972	

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		Riegnier, D. E., Harden, C. S., Carnahan, B., and Day, S., Qualitative Evaluation of Field Ion Spectrometry for Chemical Warfare Agent Detection Proceedings of the 45th ASMS Conference on Mass Spectrometry and Allied Topics, , Palm Springs, California, pp. 473 (1997)				
		Spangler, G. E., Fundamental considerations for the application of miniature ion mobility spectrometry to field analytical applications, Field Analytical Chemistry and Technology, 4, 255 (2000)				
		Eiceman, G. A., Nazarov, E. G., Tadjikov, B., and Miller, R. A., Monitoring volatile organic compounds in ambient air inside and outside buildings with the use of a radio-frequency-based ion-mobility analyzer with a micromachined drift tube, Field Anal. Chem. Tech., 4, 297 (2000)				

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		Miller, R. A., Eiceman, G. A., Nazarov, E. G., and King, A. T., A novel micromachined high-field asymmetric waveform-ion mobility spectrometer, Sensors Actuators B Chem, 67, 300 (2000)				
		Spangler, G. E., and Miller, R. A., Application of mobility theory to the interpretation of data generated by linear and RF excited ion mobility spectrometers, Int. J. Mass Spectrom., 214, 95-104 (2002)				
		Kiai, S. M. S., Confinement of ions in a radio frequency quadrupole ion trap supplied with a periodic impulsive potential, Int. J. Mass Spectrom., 188, 177 (1999)				
		Kiai, S. M. S., Andre, J., Zerega, Y., Brincourt, G., and Catella, R., Study of a Quadrupole Ion Trap Supplied with a Periodic Impulsive Potential, Int. J. Mass Spectrom. and Ion Processes, 107, 191 (1991)				
		Whetten, N. R., Macroscopic particle motion in quadrupole fields, J. Vac. Sci. Technol., 11, 515 (1974)				
		Buryakov, I. A., Kolomiets, Y. N., and Luppu, B. V., Detection of Explosive Vapors in the Air Using an Ion Drift Nonlinearity Spectrometer, J. Anal. Chem., 56, 336 (2001)				
		Krylov, E. V., Pulses of Special Shapes Formed on a Capacitive Load, Instruments and Experimental Techniques, 40, 628 (1997)				

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